

BSc (Hons) Environmental Sciences

Geographical Sciences / Faculty of Science and Engineering

Year 1 Modules

Module Code	Module Title	Credits
CELEN048	Reading and Writing in Academic Contexts	20
CELEN052	English in Specific Academic Contexts B (Engineering; Comp Sci; Env'mental Sci & Architecture)	20
CELEN069	Oral Communication Skills A	10
CELEN082	Oral Communication Skills B	10
CELEN036	Foundation Algebra for Physical Sciences and Engineering	10
CELEN040	Foundation Chemistry	10
GEOGF001	Introduction to the Environment	10
GEOGF002	Environmental Data Science and Programming	10
CELEN038	The Scientific Method	10
CELEN091	Reading and Vocabulary Enhancement	10

Year 2 Modules

Module Code	Module Title	Credits
GEOG1026	Introduction to GIS	10
GEOG1022	Principles of Ecology	20
GEOG1025	Global Environmental Processes	20
GEOG1027	Interpreting Environmental Data	20
GEOG1028	Research Skills	20
GEOG1029	Environmental Science & Society	20
GEOG1023	The Digital Earth	10

Year 3 Modules

Compulsory Modules

Module Code	Module Title	Credits
BIOS2005	Soils	10.00
GEOG2071	Study Skills for Environmental Sciences	10.00
GEOG2003	Techniques in Physical Geography	20.00
BIOS2013	Climate Change Science	10.00
GEOG2031	Dissertation Preparation	10.00

Optional Modules

Module Code	Module Title	Credits
GEOG2006	The Changing Environment (Aut)	10.00
GEOG2014	Spatial Decision Making	20.00
GEOG2008	Rivers in the Landscape	20.00
GEOG2009	Patterns of Life	20.00
GEOG2013	Rural Environmental Geography	20.00
GEOG2020	The Changing Environment (Spr)	10.00
GEOG2021	Earth Observation	20.00
BIOS2016	Computer Modelling in Science: Introduction (UP)	20.00
GEOG2029	Spatial Decision Making (10cr) Autumn	10.00
BIOS2019	Ecosystem Processes	10.00
BIOS2075	The Green Planet	20.00
BIOS2101	Forest Ecology and Management (20 Credits)	20.00
GEOG2073	Living with Hazards	20.00
BIOS2114	The Urban Environment	10.00
GEOG2074	The Changing Environment (20 cr)	20.00

Year 4 Modules

Compulsory Modules

Module Code	Module Title	Credits
GEOG3004	Dissertation	40.00

Optional Modules

Group 1: Students must take a minimum of 20 credits and a maximum of 40 credits from this group.

Module Code	Module Title	Credits
BIOS3026	Environmental Biotechnology	10.00
BIOS3036	Computer Modelling in Science: Applications	20.00
BIOS3041	Palaeobiology	10.00
BIOS3049	Environmental pollutants: fate, impact and remediation.	20.00
BIOS3102	Sustainable Soil Management	10.00
BIOS3103	Climate Change Mitigation	10.00

Group 2: Students must take a minimum of 40 and a maximum of 60 credits from this group.

Module Code	Module Title	Credits
GEOG3015	Freshwater Management	20.00
GEOG3022	Geospatial Technologies: Mobile, Augmented and Virtual	20.00
GEOG3028	Environmental Modelling	20.00
GEOG3055	Advances in Remote Sensing	20.00
GEOG3057	Tropical Environments in the Anthropocene	20.00
GEOG3060	Third Year Geography Fieldcourse	20.00
GEOG3062	Global Climate Change (20 cr)	20.00
GEOG3063	Unearthing the Past (20 cr)	20.00
GEOG3064	Animal Geographies	20.00